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(12) **United States Design Patent**
Scheurer et al.

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(54) **BATTERY CHARGING DEVICE**

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(**) Term: **15 Years**

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Related U.S. Application Data

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(51) **LOC (14) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108**; D13/103

(58) **Field of Classification Search**
USPC D13/102–106, 110, 118–119, 184
CPC Y02E 60/12; Y02E 60/122; Y02E 60/124;
Y02E 60/50; H01M 2/02; H01M 2/022;
H01M 2/0202; H01M 2/0207; H01M
2/0212; H01M 2/1061; H01M 2/1022;
H01M 2/1055; H01M 2/1066; H01M
2/105; H01M 2/204; H01M 2/1016;
H01M 2200/00; H01M 10/4257; H01M
10/0436; H01M 10/48; H01M 10/42
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D389,455 S * 1/1998 Lindahl D13/103
D396,686 S * 8/1998 Bay D13/103

D424,026 S *	5/2000	Kabat	.....	D13/184
D473,220 S *	4/2003	Smith	.....	D14/240
D578,960 S *	10/2008	Fisher	.....	D13/108
D658,647 S *	5/2012	Tsai	.....	D14/356
D773,721 S *	12/2016	Hrach	.....	D26/113
D832,783 S *	11/2018	Leabman	.....	D13/108
D862,434 S *	10/2019	Kwak	.....	D14/240
D884,618 S *	5/2020	Vahle	.....	D13/108
D912,636 S *	3/2021	Matthews	.....	D13/184
D924,797 S *	7/2021	Scheurer	D13/103
D945,982 S *	3/2022	Endo	D14/219

* cited by examiner

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(57) **CLAIM**

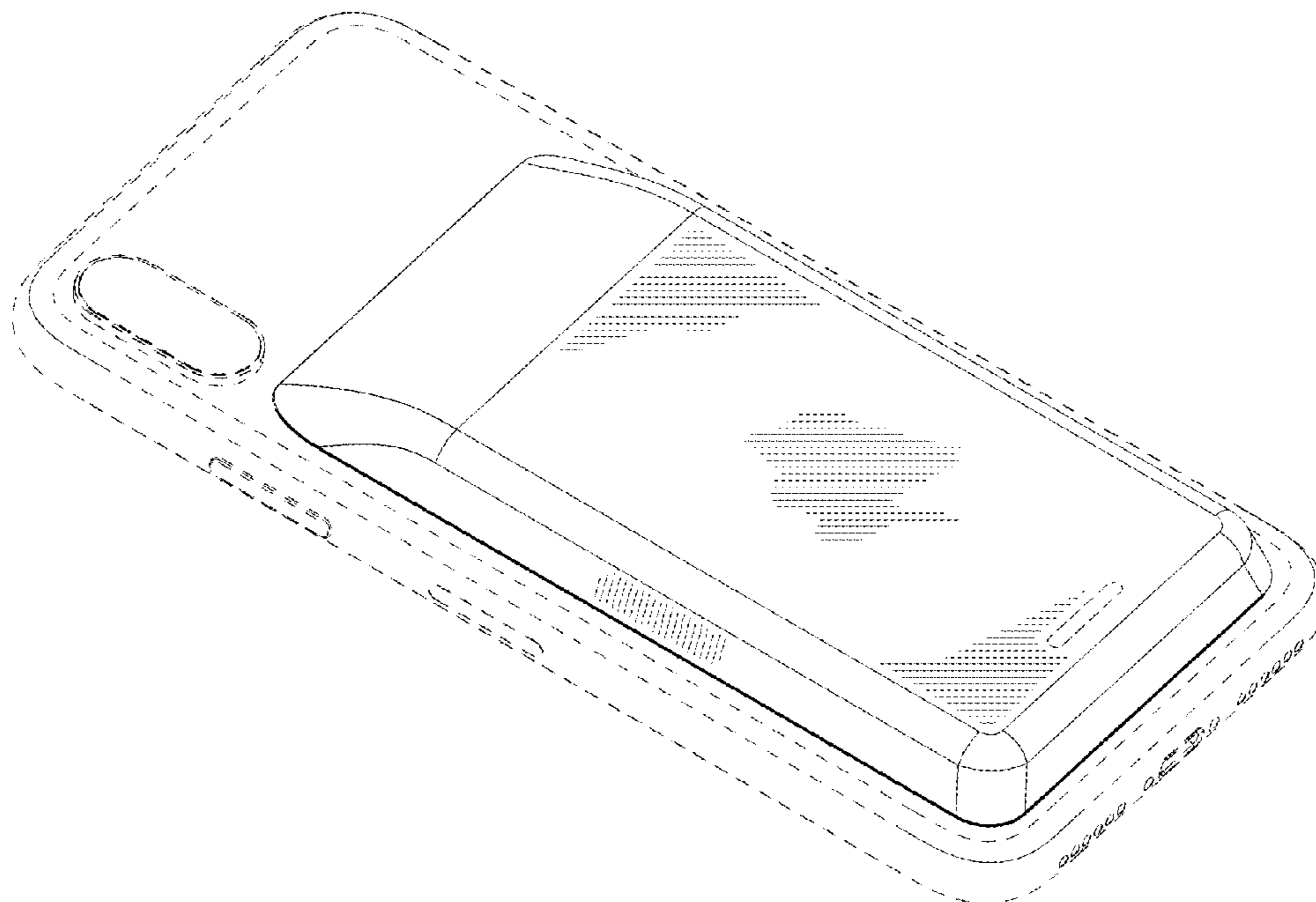
The ornamental design for a battery charging device, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a battery charging device. FIG. 2 is a top view thereof. FIG. 3 is a bottom view thereof. FIG. 4 is a right-side view thereof. FIG. 5 is a left-side view thereof. FIG. 6 is a front view thereof. FIG. 7 is a rear view thereof; and, FIG. 8 is a top perspective view thereof, shown in an environment of use.

The broken lines shown in the figures depict portions of the battery charging device and environmental structure that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



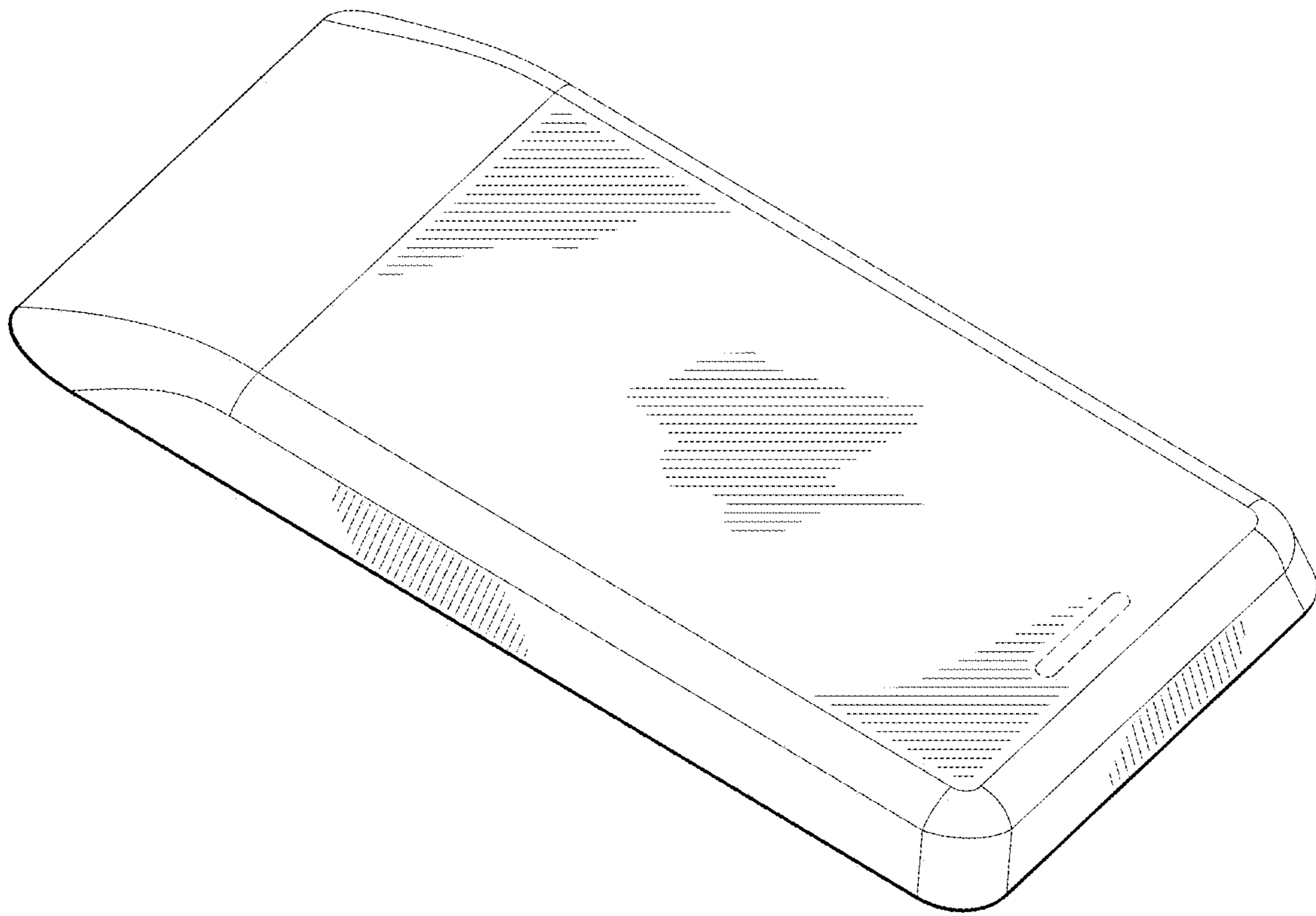


Fig. 1

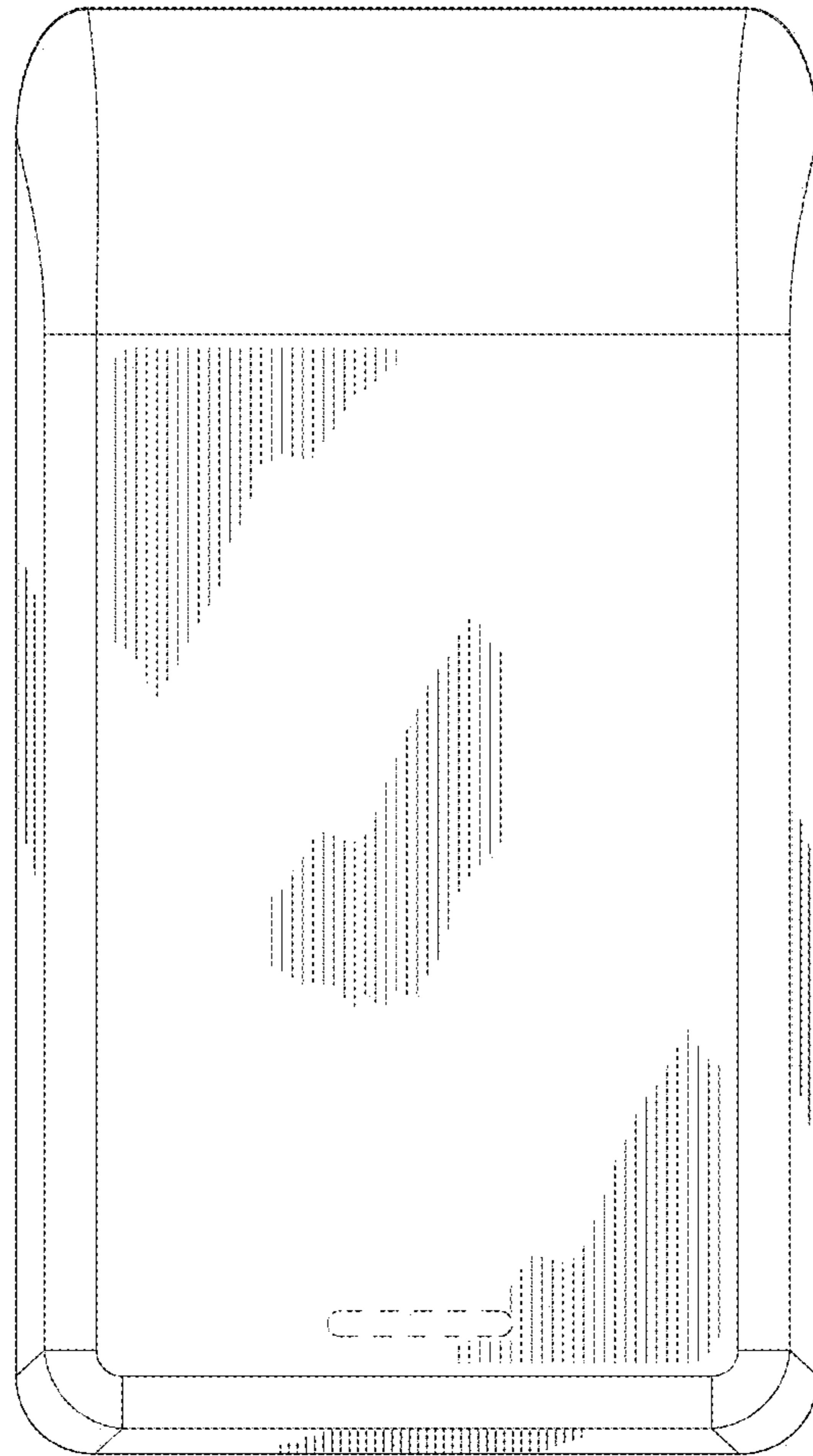


Fig. 2

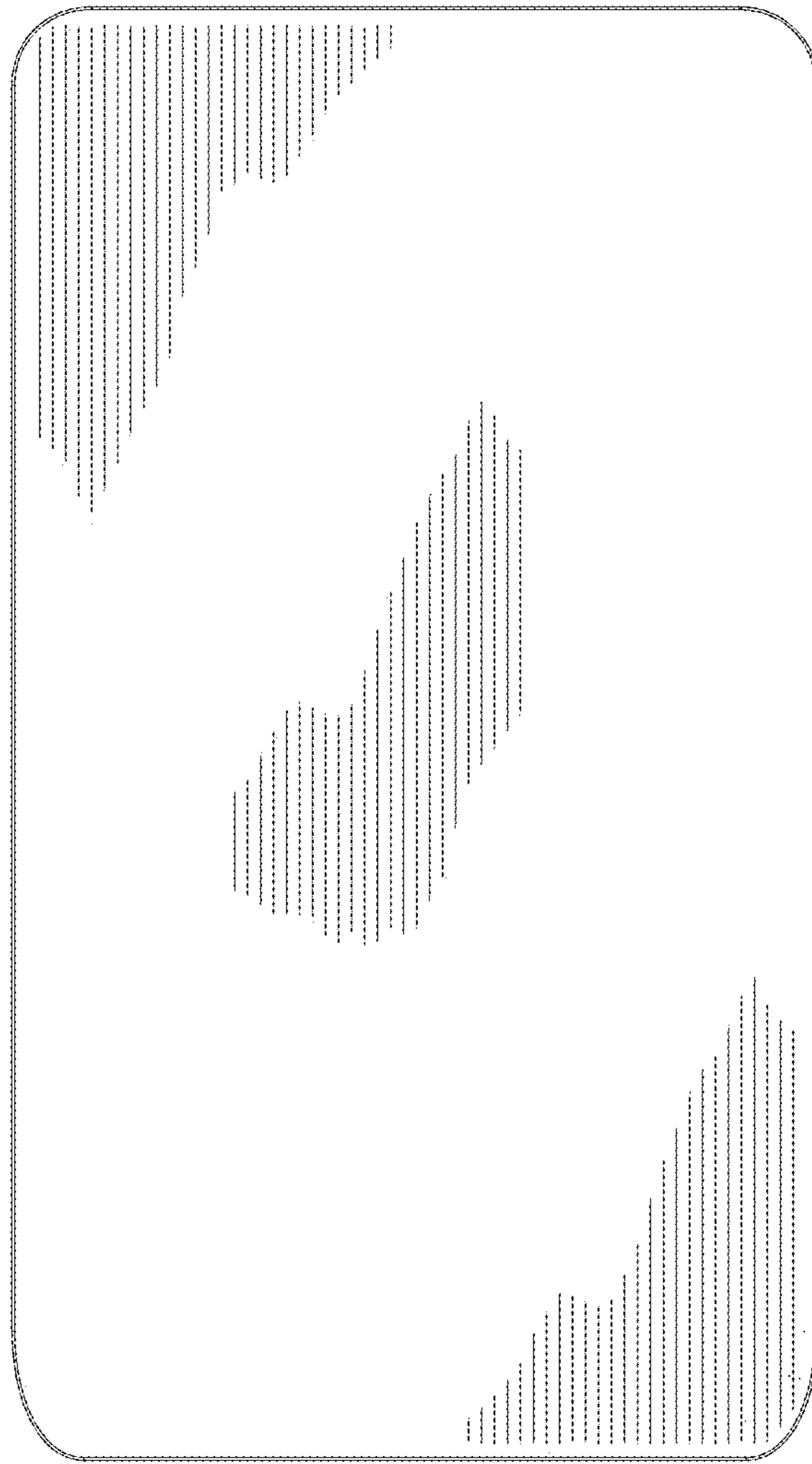


Fig. 3

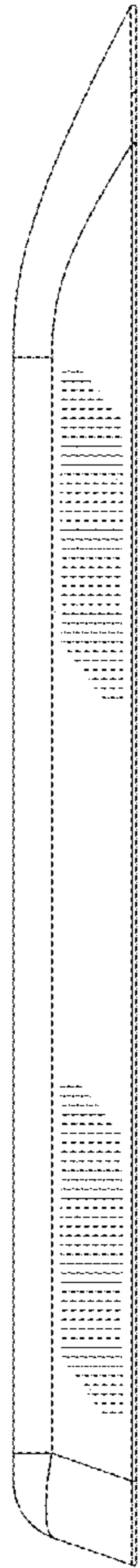


Fig. 4

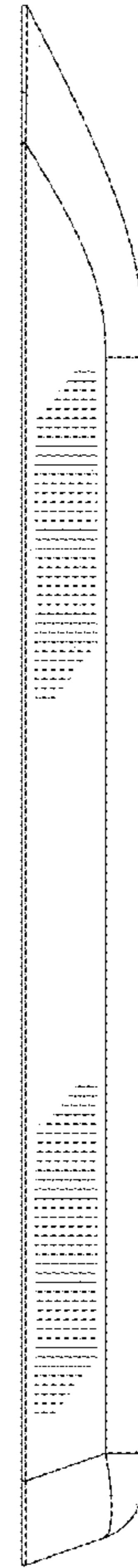


Fig. 5

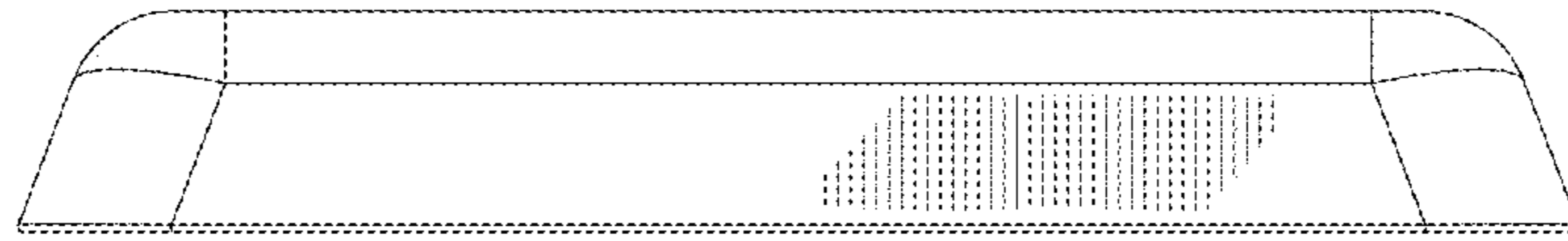


Fig. 6

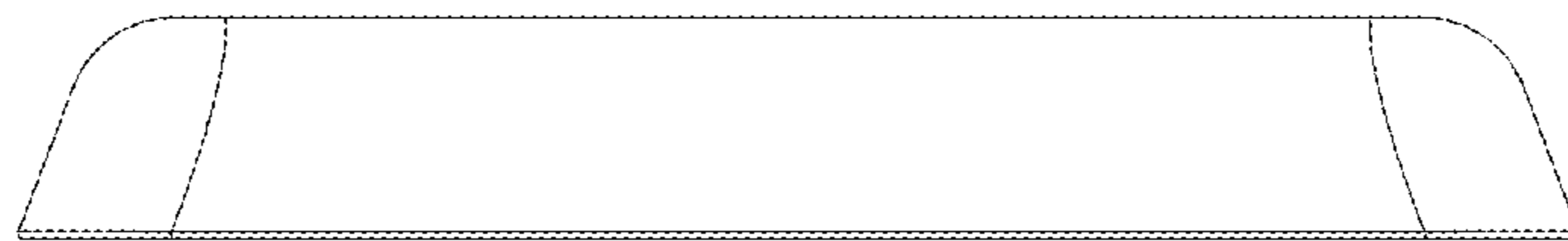


Fig. 7

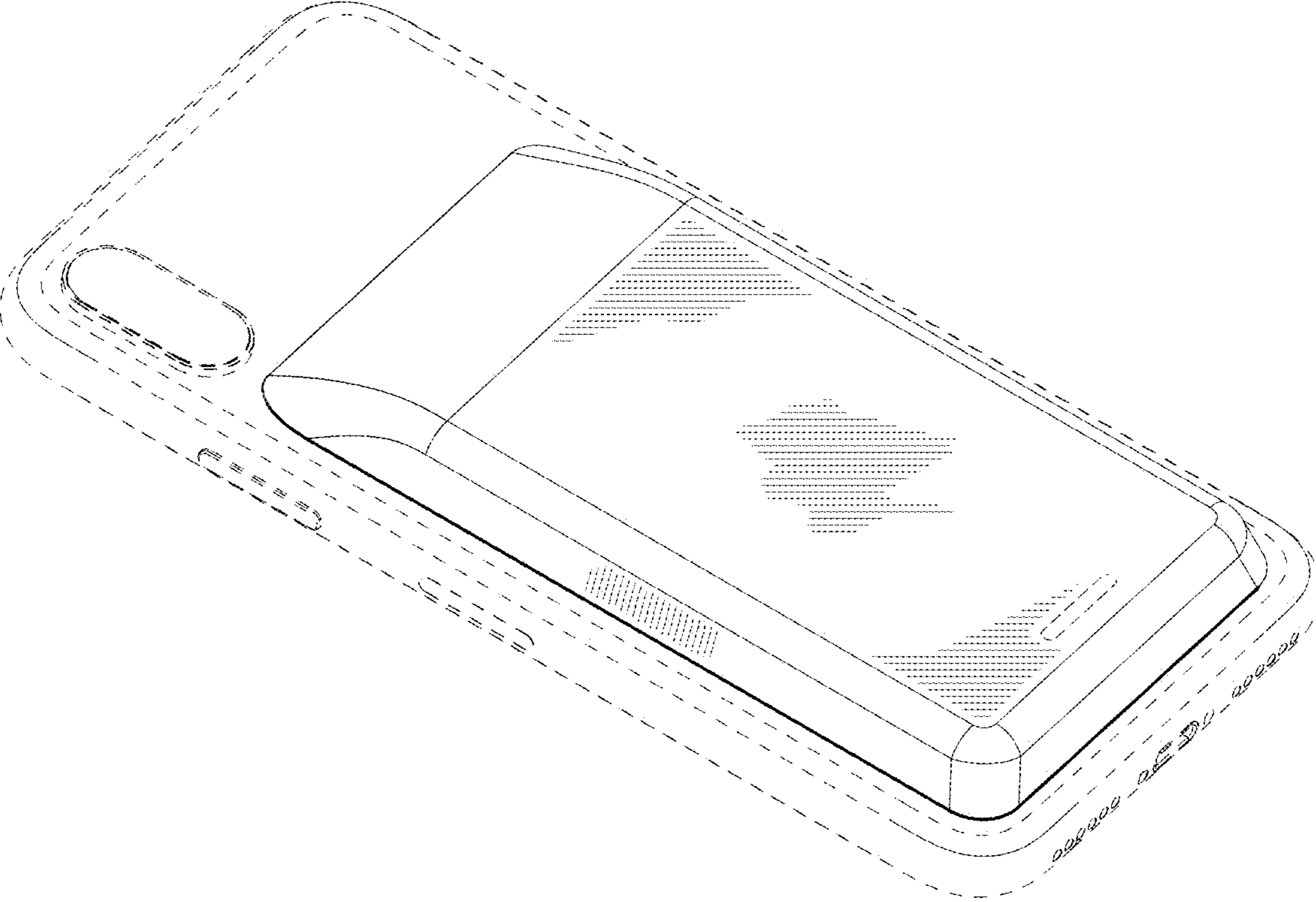


Fig. 8